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## (54) HOUSING STRUCTURE FOR COIN-TYPE BATTERY HOLDER

### (57) Abstract:

**PROBLEM TO BE SOLVED:** To improve the reliability of a product and reduce the manufacturing cost on the product by integrally providing a coin-type battery holder with a lock mechanism.

**SOLUTION:** In a housing structure for a coin-type battery holder that is used for housing a battery holder 16 in a battery housing part of a casing 15 of a small electronic equipment, this structure having a lock knob 31 exposed to the outside comprises a crank strip 30 formed in the shape of a cantilever, an engaging projecting part 34 protrusively formed on the crank strip 30, a tapered strip 32 protrusively formed on the outside end of the lock knob, an engaging recessed part 21 that is formed in the battery housing part and is interfittable with the engaging projecting part 34, and a stepped part 23 having a tapered surface 36 which is engageable with the tapered strip 32. In this case, since the engagement of the battery holder 16 with the battery housing part is performed by interfitting the en-

gaging projecting part 34 with the engaging recessed part 21, the engaging state is not released, even if a force in the ejecting direction is imposed on the battery holder 16. Furthermore, when the engaging state is released, the tapered strip can be slid on the stepped part, so that the battery holder 16 can be taken out smoothly.

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